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G. B. Airy, Esq., Astronomer Royal, President, in the Chair.*

Thomas Dell, Esq., Aylesbury;
Wm. Garrow Lettsom, Esq., British Legation, Washington;
Wm. Rutter, Esq., Haverstock Hill;
Edward Ryley, Esq., Leadenhall Street; and the
Rev. Charles Pritchard, Clapham;
were balloted for and duly elected Fellows of the Society.

The New Tables of the Sun, begun by Bessel and continued by Professor Hansen, are now completed. Professor Schumacher hopes they may be published this year.

NEW COMET.†

On the 14th of April, at 10^h 30^m p.m., Mr. Graham, of the Markree Observatory, discovered a comet in the constellation *Bootis*, not far from ε.

The following observations are corrected for aberration and parallax:

1849.	Greenwich M.T. d	α ° ′ ″	δ ° ′ ″
April	14·48780	222 21 14	+27 40 16
	16·51120	217 53 6	26 38 4
	19·51041	209 22 58	+24 5 26

From which Mr. Graham has deduced these elements,—

Perihelion Passage, 1849, June 8·238, Greenwich M.T.

$$\left.\begin{array}{l} \pi = 266^\circ\ 59'\ 12'' \\ ☊\ \ 30\ \ 29\ \ 38 \end{array}\right\}\ \text{Appt. Eq}^{x}\text{. April 17.}$$

i 67 11 45

Log. $q = 9·95214$ Motion Direct.

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* A memoir was read, "On the Computation of the Orbits of Double Stars," by Sir John Herschel, with some remarks by the President, which will appear in the next *Notice*.

† In a letter received from Professor Schumacher, we are told that this comet was previously discovered by Professor Schweizer at Moskow.

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Cambridge, U.S. (Professor Bond.)

1849.	Cambridge M.T. h m s	R.A. h m s	Dec. ° ′ ″
April 11	10 56 29	15 9 6·11	+28 33 27·0
12	7 57 58	15 3 36·28	28 20 9·1
14	10 35 59	14 48 12·14	27 36 33·7
17	8 48 52	14 20 40·60	+25 54 23·4

Referred to the Mean Equinox, Jan. 1, 1849.

"The comet has a strong starlike central condensation, an extensive coma, and no tail."

Approximate Ephemeris. By Mr. Graham.

For 8h p.m. Greenwich M.T.

1849.	R.A. h m s	N.P.D. ° ′	1849.	R.A. h m s	N.P.D. ° ′
April 23	12 58 15	71 57	May 4	9 26 18	103 51
24	39 51	74 11	5	9 11 32	105 54
25	12 20 16	76 51	6	8 58 1	107 44
26	11 59 51	79 50	7	45 40	109 20
27	39 6	82 59	8	34 20	110 45
28	11 18 4	86 15	9	23 58	111 58
29	10 57 22	89 32	10	14 31	113 3
30	37 12	92 47	11	8 5 50	114 1
May 1	10 17 45	95 54	12	7 57 49	114 47
2	9 59 25	98 49	13	50 30	115 31
3	42 14	101 28	14	7 43 55	116 11

	Hor. Par. ″		Hor. Par. ″		Hor. Par. ″		Hor. Par. ″
April 23	36·3	April 29	41·3	May 5	33·4	May 10	25·6
24	38·0	30	40·7	6	31·8	11	24·4
25	39·3	May 1	39·7	7	30·1	12	23·3
26	40·4	2	38·3	8	28·5	13	22·4
27	41·1	3	36·8	9	27·1	14	21·1
28	41·5	4	35·0				

GOUJON'S NEW COMET.

This comet was discovered by M. Goujon, of the Paris Observatory, on April 15th. Mr. Hind has favoured us with the following apparent places, *uncorrected* for parallax :—

1849.	Greenwich M.T. h m s	R.A. ° ′ ″	Dec. ° ′ ″	
April 15	10 45 30	167 6 59·4	−25 31 26·2	Goujon.
17	10 22 27	166 40 29·3	19 31 20·2	Hind.
20	10 49 3	166 7 47·4	9 34 44·3	Hind.
21	9 56 32	165 59 16·1	− 6 14 56·3	Boreham.
23	11 59 56	165 44 10·3	+ 0 56 12·9	Hartnup.

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